

Application/Control Number: 10/066,267
Art Unit: 3643

Proposed Claims: (Amended and New)

1. An ice fishing display device for use with an ice fishing tip-up with a base assembly [with a fishing line] and a tip-up flag [a tip-up] arm mounted to the base assembly comprising:

a ~~[weatherproof]~~ reflective enclosure containing a ~~[flashing]~~ light source and a tiltable switch such that said ~~[flashing]~~ light source is electrically connected to said tiltable switch, and said reflective enclosure [having a lens at one end covering said flashing light source, and a reflective membrane surrounding said enclosure such that the display device] can be seen by others when shined upon with lights to verify location of said flag arm position [operator];

a power source detachably mounted to the base assembly, wherein said power source includes a detachable connection to said light source [having a case containing a battery, a battery socket, and having a connector socket protruding outside of said case, said battery socket mounted to a printed wiring board, said electrical cord is connected to said power source by removably inserting said plug into said connector socket so that said power source can be changed]; and

an electrical ~~[cord connected]~~ connection to said light source, tiltable switch and power source wherein conductors have connection to said flag arm with removable fasteners along the length of said flag arm, [enclosure at one end and having a plug at a second end, said electrical cord having removable fasteners mounted along its length such that said electrical cord is attached to said tip-up arm, said reflective enclosure

~~mounted to an upper end of said tip-up arm, a rubber bushing mounted at a second end of said reflective enclosure to seal said electrical cord to said reflective enclosure,~~

whereby when a fish strikes, said tip-up arm is released from a lowered position and said titlable switch electrically connects to said power source to said enclosure so that said ~~[flashing]~~ light source illuminates to signal a user of a fish strike.

2. An ice fishing display device for use with an ice fishing tip-up with a base assembly and a tip-up flag arm mounted to the base assembly comprising:

a reflective enclosure containing a light source and tiltable switch such that said light source is electrically connected to said tiltable switch, and said reflective enclosure can be seen by others when shined upon with lights to verify location of said flag arm position;

a power source; and

an electrical connection means to said light source, tiltable switch and power source within said reflective enclosure,

whereby when a fish strikes, said tip-up arm is released from a lowered position and said titlable switch electrically connects to said power source to said enclosure so that said light source illuminates to signal a user of a fish strike.

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1. An ice fishing display device for use with an ice fishing tip-up with a base assembly and a tip-up flag arm mounted to the base assembly comprising:
 - a reflective enclosure containing a light source and a tiltable switch such that said light source is electrically connected to said tiltable switch, and said reflective enclosure can be seen by others when shined upon with lights to verify location of said flag arm position;
 - a power source detachably mounted to the base assembly, wherein said power source includes a detachable connection to said light source; and
 - an electrical connection to said light source, tiltable switch and power source wherein conductors have connection to said flag arm with removable fasteners along the length of said flag arm,whereby when a fish strikes, said tip-up arm is released from a lowered position and said tiltable switch electrically connects to said power source to said enclosure so that said light source illuminates to signal a user of a fish strike.

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2. An ice fishing display device for use with an ice fishing tip-up with a base assembly and a tip-up flag arm mounted to the base assembly comprising:
 - a reflective enclosure containing a light source and tiltable switch such that said light source is electrically connected to said tiltable switch, and said reflective enclosure

can be seen by others when shined upon with lights to verify location of said flag arm position;

a power source; and

an electrical connection means to said light source, tiltable switch and power source within said reflective enclosure,

whereby when a fish strikes, said tip-up arm is released from a lowered position and said tiltable switch electrically connects to said power source to said enclosure so that said light source illuminates to signal a user of a fish strike.